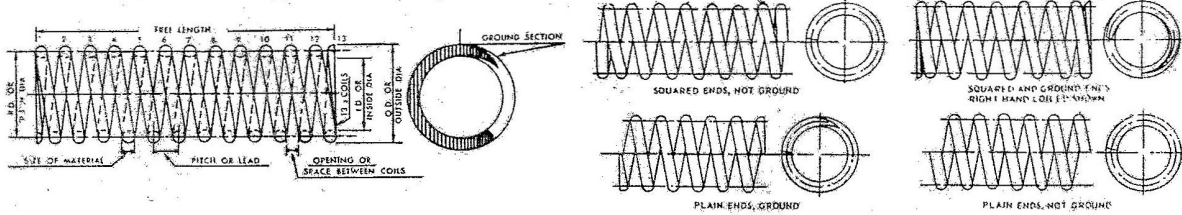


Call or Send Details for Design and Cost Information
SCHINDLER SPRING CO., INC.,

1 (985) 373-8482

In order to better serve our customers, we have included the following information on how to compile data which will enable you to order your springs. The most common type of springs — compression, extension, and torsion — are depicted.

SPECIFICATIONS FOR COMPRESSION SPRINGS



Free length _____ Maximum _____ Minimum _____

Controlling diameter: Outside maximum _____
 Inside minimum _____
 Pitch diameter _____
 Works inside hole _____
 Works over _____

Wire size _____ Material _____

Load _____ at deflected length _____

Winding direction _____

End style _____

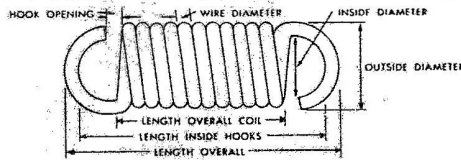
Finish _____

Maximum solid height _____

Frequency of compression _____

Range of operating temperatures _____

SPECIFICATIONS FOR EXTENSION SPRINGS



Free length _____ Maximum _____ Minimum _____

Controlling diameter: Outside maximum _____
 Inside minimum _____
 Works inside hole _____
 Works over _____

Wire size _____ Material _____

Number of coils _____ Winding direction _____

End style (following page — indicate by number) _____

Finish _____ Maximum length _____

Load required at _____ Length inside hooks _____
 (If wire not specified) Length of coil _____

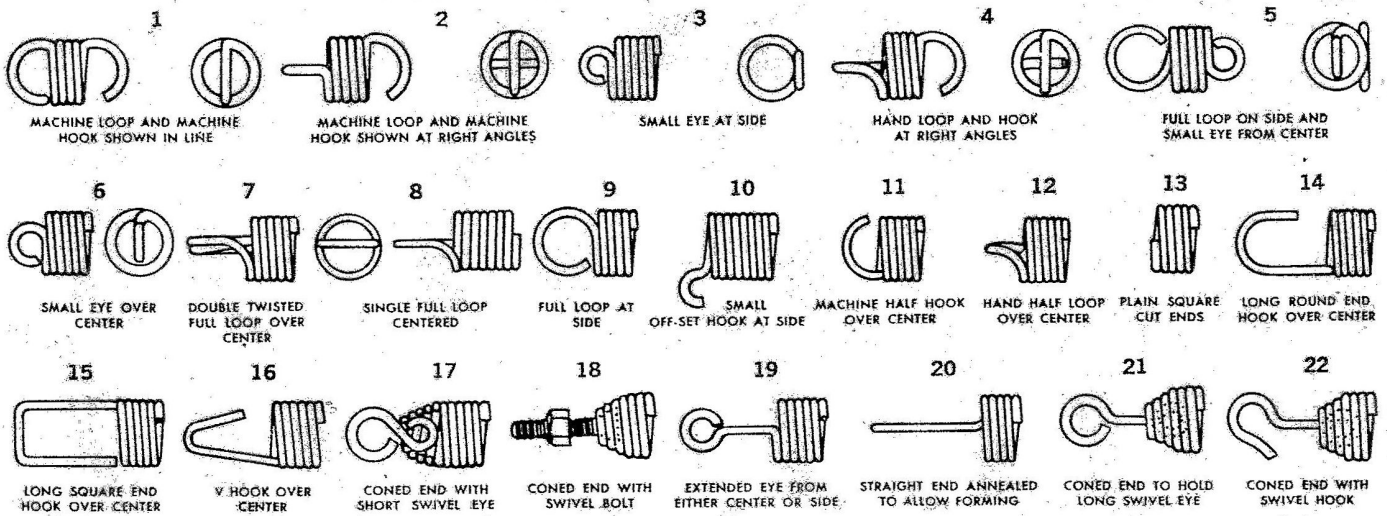
Deflection or distance of travel _____

Frequency of extension _____

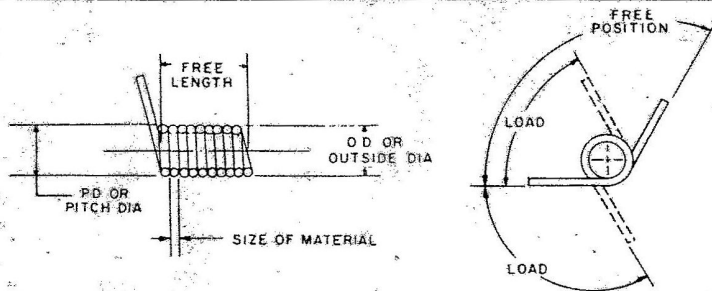
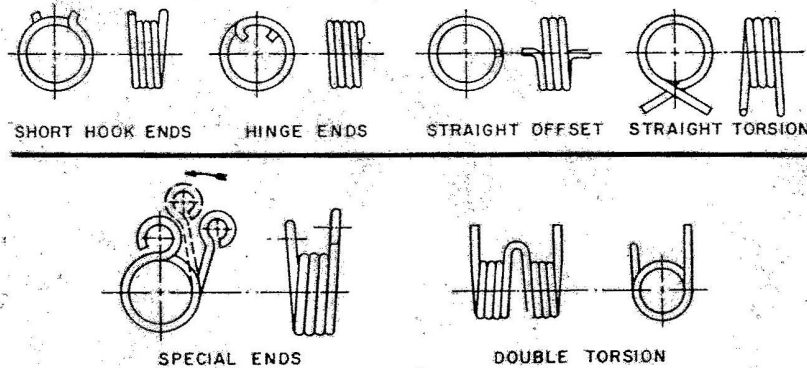
Importance of relative position of ends _____

Range of operating temperatures _____

TYPES OF ENDS USED ON EXTENSION SPRINGS



TORSION SPRINGS



POSITION OF ENDS

The ends or position of the arms with respect to the coil of a torsion spring are subject to the tolerances below, up to and including a D/d ratio of 16.

Total Coils	± Tolerance in Degrees
Up to 3	8°
Over 3 including 10	10°
Over 10 including 20	15°
Over 20 including 30	20°
Over 30	25°

SPECIFICATIONS

MANDATORY

To work in _____ diameter hole.

To work over _____ diameter shaft.

Torque _____ inch lb. when angle between ends is _____ degrees.

Length space _____ inches.

Coil direction _____

Maximum wound position _____ turns or degrees.

SUGGESTED

Wire diameter _____ Mean diameter _____

Number of coils _____

Calculated torque per turn _____ inch lb.

Finish _____

Nature of load _____

Number of cycles _____

Maximum operating temperature _____

Operating media _____

SCHINDLER SPRING COMPANY, INC.

mark@schindlerspring.com

